# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PAPCT166	FOR FURTHER ACTION	see Notification of (Form PCT/ISA/22	Transmittal of International Search Report 20) as well as, where applicable, item 5 below.				
International application No.	International filing date (d	day/month/year)	(Earliest) Priority Date (day/month/year)				
PCT/KR03/00120	20 JANUARY 2003 (2	20.01.2003)					
Applicant							
GG21 CO., LTD. et al	- Carrier - Carr						
This International search report has been to Article 18. A copy is being transmitted		Searching Authority	and is transmitted to the applicant according				
This international search report consists of It is also accompanied by a	of a total of 3 sheet a copy of each prior art document		t.				
Basis of the report     a. With regard to the language, the language in which it was filed,			of the international application in the				
the international search wa Authority (Rule 23.1(b)).	s carried out on the basis of a tr	anslation of the inte	rnational application furnished to this				
<ul> <li>b. With regard to any nucleotide was carried out on the basis of</li> </ul>		isclosed in the inter	national application, the international search				
contained in the international application in written form.							
filed together with the international application in computer readable form.							
furnished subsequently to this Authority in written form.							
furnished subsequently to	furnished subsequently to this Authority in computer readable form.						
the statement that the subsinternational application a		uence listing does no	ot go beyond the disclosure in the				
the statement that the info furnished.	rmation recorded in computer re	eadable form is iden	atical to the written sequence listing has been				
2. Certain claims were foun	d unsearchable (See Box I).						
3. Unity of invention is lack	ing (See Box II).						
4. With regard to the <b>title</b> ,							
X the text is approved as subj	nitted by the applicant.						
···	ed by this Authority to read as	follows:					
5. With regard to the abstract,							
the text is approved as sub							
	the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may,						
within one month from the	date of mailing of this internati	ional search report, s	submit comments to this Authority.				
6. The figure of the <b>drawing</b> to be	published with the abstract is F	igure No.	1				
X as suggested by the applic	ant.		None of the figures				
because the applicant faile	i to suggest a figure.						
because this figure better c	haracterizes the invention.						

## INTERNATIONAL SEARCH REPORT

International application No. PCT/KR03/00120

#### CLASSIFICATION OF SUBJECT MATTER

IPC7 H04Q 7/38, G08G 1/12

According to International Patent Classification (IPC) or to both national classification and IPC

#### FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q 7/38, H04B 7/26, G08G 1/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR, JP: IPC AS ABOVE

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

#### DOCUMENTS CONSIDERED TO BE RELEVANT

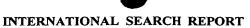
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	WO 01/74034 A2 ( ERICSSON INC.) 04 OCTOBER 2001, see whole desciption	1-13
А	KR 2001-87969 A (HEE YOUN CHOI) 26 SEPTEMBER 2001, see whole document	1-13
A	KR 1998-10940 A (AISIN AW CO. LTD.) 30 APRIL 1998, see whole document	1-13
A	US 2002-188402 A1 (TELEPAQ TECHNOLOGY INC.) 12 DECEMBER 2002, see whole document	1-13
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ĻL	Further documents are listed in the continuation of Box C.		See patent family annex.		
*	Special categories of cited documents:	"T"	later document published after the international filing	g date or priority	
"A"	document defining the general state of the art which is not considered		date and not in conflict with the application but cit	ed to understand	
	to be of particular relevance		the principle or theory underlying the invention		
"E" earlier application or patent but published on or after the international filing date		"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive		
"L"	document which may throw doubts on priority claim(s) or which is		step when the document is taken alone		
	cited to establish the publication date of citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed inven- considered to involve an inventive step when the		
"O"	document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such documents, st being obvious to a person skilled in the art	uch combination	
"P"	document published prior to the international filing date but later	"&"			
	than the priority date claimed				
Date	of the actual completion of the international search	Date	of mailing of the international search report		
	25 OCTOBER 2003 (25.10.2003)		27 OCTOBER 2003 (27.10.2003)		
Nan	ne and mailing address of the ISA/KR	Autl	norized officer		
	Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701,		BAE, Soon Goo		

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Republic of Korea



International application No.

PCT/KR03/00120

### Information on patent family members

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
WO 01/74034 A2	04.10.01	AU 0133342 A5 KR 02-92400 A	08.02.01 11.12.02	
KR 98-10940 A	30.04.98	JP 10-96647 A	10.04.98	